## APR 0 4 7007 W

## SEQUENCE LISTING

Riss, Terry L. Niles, Andrew Moravec, Richard A. Promega Corporation

- <120> LUMINOGENIC AND NONLUMINOGENIC MULTIPLEX
   ASSAY
- <130> 341.029US1
- <140> 10/762,836
- <141> 2004-01-22
- <160> 24
- <170> FastSEQ for Windows Version 4.0
- <210> 1
- <211> 5
- <212> PRT
- <213> Artificial Sequence
- <220>
- <223> A synthetic peptide
- <220>
- <221> SITE
- <222> 1
- <223> Xaa = Trp or Leu
- <220>
- <221> SITE
- <222> 5
- <223> Xaa = any amino acid
- <400> 1
- Xaa Glu His Asp Xaa
- Τ
- <210> 2
- <211> 5
- <212> PRT
- <213> Artificial Sequence
- <220>
- <223> A synthetic peptide
- <220>
- <221> SITE
- <222> 3, 5
- <223> Xaa = any amino acid
- <400> 2
- Asp Glu Xaa Asp Xaa
  - -
- <210> 3
- <211> 5
- <212> PRT
- <213> Artificial Sequence

```
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 1
<223> Xaa = Leu or Val
<220>
<221> SITE
<222> 3, 5
<223> Xaa = any amino acid .
<400> 3
Xaa Glu Xaa Asp Xaa
<210> 4
<211> 5
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 5
<223> Xaa = any amino acid
<400> 4
Ile Glu Gly Arg Xaa
<210> 5
<211> 7
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 3, 5
<223> Xaa = any amino acid
<220>
<221> SITE
<222> 7
<223> Xaa = Ser or Gly
<400> 5
Glu Asn Xaa Tyr Xaa Gln Xaa
<210> 6
<211> 5
<212> PRT
<213> Artificial Sequence
```

<220>

. .

```
<223> A synthetic peptide
<220>
<221> SITE
<222> 5
<223> Xaa = any amino acid
<400> 6
Pro Arg Asn Lys Xaa
<210> 7
<211> 14
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 6
<223> Xaa = Lys or Asn
<220>
<221> SITE
<222> 7
<223> Xaa = Met or Leu
<400> 7
Glu Ile Ser Glu Val Xaa Xaa Asp Ala Glu Phe Arg His Asp
<210> 8
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 8
Ser Glu Val Asn Leu Asp Ala Glu Phe Arg
<210> 9
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 9
Asp Glu Val Asp
<210> 10
<211> 4
<212> PRT
<213> Artificial Sequence
```

. . . .

```
<220>
<223> A synthetic peptide
<400> 10
Trp Glu His Asp
<210> 11
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 11
Leu Glu His Asp
<210> 12
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 12
Val Glu Ile Asp
<210> 13
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 13
Val Glu Val Asp
<210> 14
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 14
Val Glu His Asp
<210> 15
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
```

. . .

```
<400> 15
Ile Glu Thr Asp
<210> 16
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 16
Ala Glu Val Asp
1
<210> 17
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 3
<223> Xaa = any amino acid
<400> 17
Leu Glu Xaa Asp
1
<210> 18
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 3
<223> Xaa = any amino acid
<400> 18
Val Glu Xaa Asp
<210> 19
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 19
Ile Glu His Asp
 1
```

. . .

```
<210> 20
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 20
Pro Glu His Asp
<210> 21
<211> 4
<212> PRT
<213> Artificial Sequence
<223> A synthetic peptide
<220>
<221> SITE
<222> 1
<223> Xaa = any hydrophobic amino acid
<400> 21
Xaa Glu Val Asp
 1
<210> 22
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 22
Leu Glu Thr Asp
<210> 23
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<220>
<221> SITE
<222> 1
<223> Xaa = any hydrophobic amino acid, Tyr, Asp, Leu,
      Val, Ile, Ala, Trp, or Pro
 <220>
 <221> SITE
 <222> 2
 <223> Xaa = Val or Glu
 <220>
 <221> SITE
```

. -

```
<222> 3
<223> Xaa = any amino acid
<400> 23
Xaa Xaa Xaa Asp
1
<210> 24
<211> 4
<212> PRT
<213> Artificial Sequence
<220>
<223> A synthetic peptide
<400> 24
Pro Arg Asn Lys
```

ت و در د